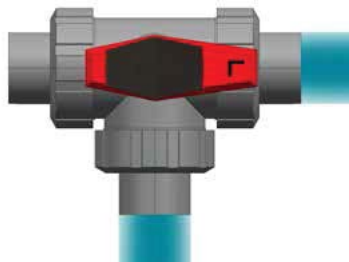


# Type 543 Horizontal 3-Way Valve Flow Assignment

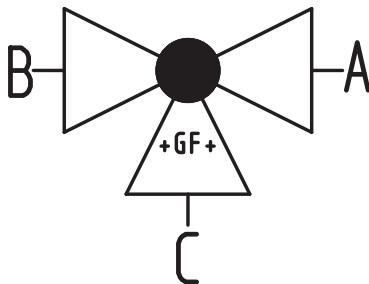
Custom flow path configuration for the Type 167, 168, 169 and 125 Electric and the 285, 286 and 287 Pneumatic 3-Way Valves. Using the form below indicate the flow path for a given state of the actuator. Pneumatic actuators are either Fail Close, Fail Open or Double Acting, and have a 90° rotation. Electric Actuators have a middle position option and can rotate to 270° Ball port selection would be determined on the actuator, function and desired flow paths.

|                      |                       |                      |                     |
|----------------------|-----------------------|----------------------|---------------------|
| Customer Name: _____ | Phone: (____) _____   | Email: _____         | Order Date: _____   |
| Distributor: _____   | Contact: _____        | Phone: (____) _____  | Email: _____        |
| Sales Order: _____   | Purchase Order: _____ | Job Name: _____      |                     |
| Valve Size: _____    | Valve Material: _____ | Seal Material: _____ | Valve Number: _____ |

### Flow Functions:



Flow = A - C  
H1



Flow\*\* = A - B  
H2



Flow = B - C  
H3



Flow\*\* = A - B - C  
H4



Flow = Off  
H5

### Actuation Functions:

Indicate flow function for the style and state of the actuator below:

|                     |                 |
|---------------------|-----------------|
| Pneumatic           |                 |
| Spring Return       | Double-Acting   |
| Energized: _____    | Open/CCW: _____ |
| De-Energized: _____ | Close/CW: _____ |

|                   |                      |
|-------------------|----------------------|
| Electric          | Options:             |
| Voltage: _____    |                      |
| Electric Actuator | Feed Back: Y N       |
| Open/CCW: _____   | Positioner: Y N      |
| Close/CW: _____   | Manual Override: Y N |
| Middle: _____     |                      |

Notes: \_\_\_\_\_

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\_\_\_\_\_

\* Middle position not available on 125 series valves  
\*\* L-Port has lower Cv / Kv Valve due to ball position, T-Port is full flow.

# Type 543 Vertical 3-Way Valve Flow Assignment

Custom flow path configuration for the Type 170 and 128 Electric and the 288 Pneumatic 3-Way Valves. Using the form below indicate the flow path for a given state of the actuator. Pneumatic actuators are either Fail Close, Fail Open or Double Acting, and have a 90° rotation. Electric Actuators have a middle position option and can rotate to 270° Ball port selection would be determined on the actuator, function and desired flow paths.

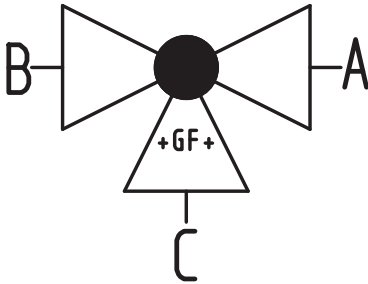
|                      |                       |                      |                     |
|----------------------|-----------------------|----------------------|---------------------|
| Customer Name: _____ | Phone: (____) _____   | Email: _____         | Order Date: _____   |
| Distributor: _____   | Contact: _____        | Phone: (____) _____  | email: _____        |
| Sales Order: _____   | Purchase Order: _____ | Job Name: _____      |                     |
| Valve Size: _____    | Valve Material: _____ | Seal Material: _____ | Valve Number: _____ |

## Flow Functions:



Flow = A - C

V1



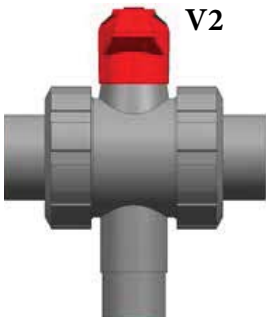
Flow \*\*= A - B - C

V2



Flow = B - C

V3



Flow = Off

V4

## Actuation Functions:

Indicate flow function for the style and state of the actuator below:

|                    |                |
|--------------------|----------------|
| Pneumatic          |                |
| Spring Return      | Double-Acting  |
| Energized: ____    | Open/CCW: ____ |
| De-Energized: ____ | Close/CW: ____ |

|                   |                               |
|-------------------|-------------------------------|
| Electric          | Options:                      |
| Voltage: _____    |                               |
| Electric Actuator | Feed Back:        Y        N  |
| Open/CCW: _____   | Positioner:        Y        N |
| Close/CW: _____   | Manual Override: Y        N   |
| Middle: _____     |                               |

Notes: \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\* Middle position not available on 125 series valves.

\*\* Vertical Diverter has lower Cv / Kv Valve due to ball position.